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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/719,080
(use as many sheets as necessary)				Filing Date	11-21-2003
Sheet	1	of	13	First Named Inventor	GRAUPE
				Group Art Unit	1626
				Examiner Name	Anderson, Rebecca
				Attorney Docket Number	USA2001/0082 - US - CNT

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
RA	4,927,809	STUBER, et al.	05-22-1990			
RA	5,424,925	ANDO, et al.	06-13-1995			
RA	5,486,623	ZIMMERMAN, et al.	01-23-1996			
RA	5,499,616	MALLANO, et al.	03-12-1996			
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RA	6,114,310	CHAMBERLAND, et al.	09-05-2000			
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RA	6,476,028	BRYANT, et al.	11-05-2002			
RA	6,482,362	GRAUPE, et al.	12-10-2002			
RA	6,606,733	BUYSSE	01-14-2003			
RA	6,576,630	LINK, et al.	06-10-2003			

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		Office ⁴	Number ⁴	Kind Code ⁵ (if known)			
RA	EP	EP 0272671			KRANTZ, et al.	06-29-1988	
RA	EP	EP 0291234			EDWARDS, et al.	11-17-1998	
RA	EP	EP 0355572			PAQUES, et al.	02-28-1990	
RA	EP	EP 0376012			ALBRIGHT, et al.	07-04-1990	
RA	EP	EP 0418883			HARA, et al.	04-03-1991	
RA	EP	EP 0536399			OKUBO, et al.	04-01-1993	
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RA	EP	EP 0754454			KOBAYASHI, et al.	01-22-1997	
RA	JP	JP 06192199			RYOICHI, et al.	07-12-1994	
RA	JP	JP 42009133			IRIKURA, et al.	05-06-1997	

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<p>Substitute for Form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		<p><i>Complete If Known</i></p>	
Sheet	2	of	13
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RA	JP	JP 63303888			YOSHIDA, et al.	12-08-1988		
RA	WO	WO 00/48892			TUCKER, et al.	08-24-2000		
RA	WO	WO 00/49007			TUCKER, et al.	08-24-2000		
RA	WO	WO 00/49008			TUCKER, et al.	08-24-2000		
RA	WO	WO 00/51888			CYWIN, et al.	09-08-2000		
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RA	WO	WO 01/09110			BEKKALI, et al.	02-08-2001		
RA	WO	WO 01/19796			GRAUPE, et al.	03-22-2001		
RA	WO	WO 01/18808			GRAUPE	03-22-2001		

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RA	WO	WO 01/19816		EMMANUEL, et al.	03-22-2001	
RA	WO	WO 01/30772		TUCKER, et al.	05-03-2001	
RA	WO	WO 01/55125		BOZSING, et al.	08-02-2001	
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RA	WO	WO 95/15309		JENKINS, et al.	06-09-1995	
RA	WO	WO 95/24382		HALLINAN, et al.	09-14-1995	
RA	WO	WO 96/21655		PEET, et al.	07-18-1996	
RA	WO	WO 96/30353		PALMER, et al	10-03-1996	
RA	WO	WO 96/40647		ZIMMERMAN, et al.	12-19-1996	

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RA	WO	WO 96/40744		MARLOWE, et al.	12-19-1996	
RA	WO	WO 96/41638		DOLLE, et al.	12-27-1996	
RA	WO	WO 97/03679		MALLANO, et al.	02-08-1997	
RA	WO	WO 98/01133		AIBE, et al.	01-16-1998	
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RA	WO	WO 98/21188		PRESTON, et al.	05-22-1998	
RA	WO	WO 98/23588		FLOYD, C.	06-04-1998	

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Sheet	6	of	13
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
RA		ADAMS, et al., Potent and Selective Inhibitors of the Proteasome: Dipeptidyl Boronic Acids, <i>Bioorganic & Medicinal Chemistry Letters</i> , 8: 333-338 (1998).		
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RA		BILLSON, et al., The Design and Synthesis of Inhibitors of the Cysteiny1, <i>Bioorg. Med. Chem. Lett.</i> vol. 8, pp. 993-998, 1998		
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RA		COHEN, et al., Therapy of relapsing multiple sclerosis. Treatment approaches for nonresponders, <i>Journal of Neuroimmunology</i> , 98: 29-36 (1999).		
RA		DUFOUR, et al., Engineering nitrile hydratase activity into a cysteine protease by a single mutation, <i>Biochemistry</i> , US, Am. Chem. Soc., Easton, PA, 34(50):16382-16388 (1995).		
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RA		EVOLI, et al., abstract only, <i>Drugs</i> , 1998, 62(5), 682-70		

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RA		GOUR-SALIN, et al., Inhibition of papain by peptide nitriles: conversion of the nitrile group into other functionalities via the papain-nitrile thiimidate ester adduct, Can. J. of Chem., CA, National Research Council, Ottawa, 69(8):1288-1297 (1991).	T2
RA		HALLEGUA, et al., Cyclosporine for lupus membranous nephritis: experience with ten patients and review of the literature, Lupus, 9: 241-251 (2000).	
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RA		KHAMASHTA, et al., Expert. Opin. Investig. Drugs, 2000, 9(7), 1591-93.	
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RA		MARQUIS, et al., Potent dipeptidylketone inhibitors of the cysteine protease cathepsin, Chemical Abstracts, 7:4 581-588 (1999).
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RA		MOSER, et al., 130 Poly (dipeptidinium)-Salze: definition und methoden zur präparativen herstellung, poly (dipeptidinium) salts: definition and methods of preparation, Helvetica Chimica ACTA, CH, Verlag, Basel 69:1224-1262 (1986).
RA		NIPPON, K., Patent Abstracts of Japan, Publication No. 63301888, 019(137)(1988), abstract.
RA		NORTH, et al., Synthetic studies towards cyclic peptides. Concise synthesis of thiazoline and thiazole containing amino acids, Tetrahedron, 46(24):8627-8290 (1990).
RA		OGILVIE, et al., Peptidomimetic inhibitors of the human cytomegalovirus protease, Journal of Medicinal Chemistry vol. 40 No. 25 (1997).

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Sheet	9	of	13	Attorney Docket Number	USA2001/0082 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RA		PICKEN, et al., Inhibition of bovine cathepsin B by amino acid-derived nitriles, Biochemical Society Transactions, vol. 18, No. 2, p.318 (1990).	
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INFORMATION DISCLOSURE
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Sheet 10 of 13 Attorney Docket Number USAV2001/0082 - US - CNT

Complete If Known

Application Number 10/719,080

Filing Date 11-21-2003

First Named Inventor GRAUPE

Group Art Unit 1626

Examiner Name Anderson, Rebecca

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RA		THOMPSON, et al., Carboxyl-modified amino acids and peptides as protease inhibitors, J. Med. Chem., 29(1):104-111 (1986).	
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RA		, Derwent Abstract of Japanese Patent Application 06-192199, (Jul. 12, 1994).	

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Sheet	11	of	13														

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
RA	JP	JP 2001-011037		SATO, et al.	01-16-2001	
RA	JP	JP 2001-055386		SATO, et al.	02-27-2001	
RA	WO	WO00/59881		SINGH, et al.	10-12-2000	
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RA	WO	W002/057248		QUIBELL, et al.	07-25-2002	
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RA	WO	W002/057270		QUIBELL, M	07-25-2002	
RA	WO	W002/096892		OHMOTO, et al.	05-30-2002	
RA	WO	W002/100849		HICKEY, et al.	12-19-2002	
RA	WO	W002/20485		BEKKALI, et al.	03-14-2002	

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Sheet	12	of	13
		First Named Inventor	GRAUPE
		Group Art Unit	1626
		Examiner Name	Anderson, Rebecca
		Attorney Docket Number	USA2001/0082 - US - CNT

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
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RA		CHAPMAN, et al., Emerging Roles for Cysteine Proteases in Human Biology, <i>Ann. Rev. Physiol.</i> ; 1997; 59; pp.63-88.		
RA		DRANOFF, et al., Cathepsin S Required for Normal MHC Class II Peptide Loading and Germinal Center Development, <i>Immunity</i> ; 1999; 10; pp.197-206.		
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RA		FENWICK, et al., Solid-phase Synthesis of Cyclic Alkoxyketones, Inhibitors of the Cysteine Protease Cathepsin K, <i>Bioorg. Med. Chem. Lett.</i> ; 2001; 11(2); pp.185-189.		
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